

THE OHIO JOURNAL OF SCIENCE
TABLE OF CONTENTS—VOLUME 90

NUMBER 1 — MARCH

E. A. Amba, N. E. Smeck, G. F. Hall, and J. M. Bigham	4	Geomorphic and Pedogenic Processes Operative in Soils of a Hillslope in the Unglaci- ated Region of Ohio
M. Rahman and I. A. Ungar	13	The Effect of Salinity on Seed Germination and Seedling Growth of <i>Echinochloa crusgalli</i>
J. S. Yoon, K. P. Gagen, and D. L. Zhu	16	Longevity of 68 Species of <i>Drosophila</i>
E. H. Metzler and V. P. Lucas	33	An Endangered Moth in Ohio, With Notes on Other Species of Special Concern (Lepidoptera: Saturniidae, Sphingidae, Notodontidae and Arctiidae)
C. F. Clark	41	Movements of Northern Pike Tagged in Waters Tributary to Lake Erie
K. P. McDonald and D. S. Case	46	The Status of Ermine (<i>Mustela erminea</i>) in Ohio
	48	Book Reviews
	51	List of Reviewers

NUMBER 3 — JUNE

B. K. Andreas and G. R. Bryan	54	The Vegetation of Three <i>Sphagnum</i> -Dominated Basin-Type Bogs in Northeastern Ohio
M. Beuerlein, M. Loux, and J. Beuerlein	67	Corn Growth Retardation Resulting from Soybean Herbicide Residues
M. Akhtar and M. O. Garraway	71	Effect of Sodium Bisulfite on Peroxidase Activity and Electrolyte Leakage in Maize in Relation to Sporulation of <i>Bipolaris maydis</i> Race T
F. Nussbaum	77	Variation in the Airborne Fungal Spore Population of the Tuscarawas Valley with Respect to Microenvironment, Time of Day, and Date
R. A. Dolbeer, P. P. Woronecki, T. W. Seamans, B. N. Buckingham, and E. C. Cleary	87	Herring Gulls, <i>Larus argentatus</i> , Nesting on Sandusky Bay, Lake Erie, 1989
	90	Book Reviews

NUMBER 4 — SEPTEMBER

T. O. Matson	98	A Morphometric Comparison of Gray Treefrogs, <i>Hyla chrysoscelis</i> and <i>H. versicolor</i> , from Ohio
J. J. Gordon and M. Straub	102	Comparison of Academic Performance of Settled-Out and Mobile Migrant Children in Northwest Ohio
L. C. Ruedisili, G. E. Kihn, and R. C. Bell	106	Geology of Seneca Caverns, Seneca County, Ohio
K. Mancl	112	A Survey of Small Sewage Treatment Facilities in Ohio
W. R. Guertal and G. F. Hall	118	Relating Soil Color to Soil Water Table Levels
G. W. Barrett, C. S. Haviland, and D. H. Taylor	125	Perturbation Effects on Deer Mouse Populations in Corn Agroecosystems
D. Flenniken and R. E. Showman	130	The Macrolichens of Ohio: A Revised Checklist
G. D. Keeney	133	Some Exotic Terrestrial Isopods (Oniscoidea) from the Columbus Zoo Exploration Center, Powell, Ohio: Two State Records
	135	Book Reviews

NUMBER 5 — DECEMBER

J. L. Weeks, G. M. Tori, and M. C. Shieldcastle	142	Coyotes (<i>Canis latrans</i>) in Ohio
N. D. Mundahl and C. T. Hockett	146	Stream Fishes Estimate Water Quality in Dayton-Montgomery County Park District Reserves
X. Yu and J. L. Crites	152	The Effectiveness of Two Anthelmintics, Vermox® (mebendazole) and Povan® (pyrvinium pamoate), on Thelastomatid Nematodes (Nematoda: Oxyuroidea) of the Cockroach, <i>Gromphadorhina portentosa</i>
B. W. Smith and J. Hiltner	156	Manufacturing Formation Rates Among Ohio Counties: 1979-1988
J. L. Adams	160	AIDS Knowledge and Sexual Attitudes/Behavior in a Middle-Class, Midwestern, Conservative College Freshman Population
M. A. Hoggarth	168	The Unionidae of the Chagrin River: The Remnant of a Molluscan Fauna
J. Durkin	171	Application of Expert Systems in the Sciences
	180	Book Reviews
	186	Necrology
	193	Officers, Committees, and Academy Representatives for 1990-1991
	195	Index to Volume 90
	202	Table of Contents, Volume 90